

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB 2003/005531

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04Q 7/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04Q, H04B, H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6308063 B1 (TOMMI KOISTINEN ET AL), 23 October 2001 (23.10.2001), column 5, line 31 - column 6, line 61, figures 2-5 --	1-37
A	ETSI EN 300 737, volume 7, no. 1 2000-01, Digital cellular telecommunications system, In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels (GSM 08.60 version 7.0.1 Release 1998), paragraph 4 --	1-37
A	US 6067289 A (JOERG-MARTIN MUELLER ET AL), 23 May 2000 (23.05.2000), column 1, line 25 - line 58; column 2, line 8 - column 3, line 45 --	1-37



Further documents are listed in the continuation of Box C.



See patent family annex.

*

Special categories of cited documents:

"A"

document defining the general state of the art which is not considered to be of particular relevance

"E"

earlier application or patent but published on or after the international filing date

"L"

document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O"

document referring to an oral disclosure, use, exhibition or other means

"P"

document published prior to the international filing date but later than the priority date claimed

"T"

later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X"

document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y"

document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&"

document member of the same patent family

Date of the actual completion of the international search

10 June 2004

Date of mailing of the international search report

14-06-2004

Name and mailing address of the ISA/

Swedish Patent Office

Box 5055, S-102 42 STOCKHOLM

Facsimile No. +46 8 666 02 86

Authorized officer

Fredrik Blomqvist/Els

Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB 2003/005531

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6356750 B1 (TAPIO HEIKKILÄ), 12 March 2002 (12.03.2002), column 1, line 38 - line 67 --	1-37
A	US 6108560 A (WILLIAM NAVARO ET AL), 22 August 2000 (22.08.2000), abstract --	1-37
A	A proposal for seamless handovers in GSM indoor wireless networks", Di Claudio, V. et al, This paper appears in: Vehicular Technology Conference, 2001, VTC 2001 Spring. IEE VTS 53rd, Meeting Date: 05/6/2001 - 05/09/2001 Publication Date: 6-9 May 2001, Location: Rhodes Greece, pages 2544-2548, vol. 4, paragraph 3 ----- -----	1-37

BEST AVAILABLE COPY

INTERNATIONAL SEARCH REPORT

Information on patent family members

30/04/2004

International application No.

PCT/IB 2003/005531

US	6308063	B1	23/10/2001	AU	9543398	A	10/05/1999
				CA	2305173	A	29/04/1999
				CN	1127870	B	12/11/2003
				CN	1276134	T	06/12/2000
				EP	1025729	A	09/08/2000
				FI	973975	A	17/04/1999
				JP	2001521352	T	06/11/2001
				WO	9921383	A	29/04/1999

US	6067289	A	23/05/2000	AU	706669	B	17/06/1999
				AU	5495496	A	21/11/1996
				DE	19516078	A	07/11/1996
				DE	59609453	D	00/00/0000
				EP	0824833	A,B	25/02/1998
				SE	0824833	T3	
				ES	2180759	T	16/02/2003
				HU	217142	B	29/11/1999
				HU	9800701	A	28/07/1998
				WO	9635299	A	07/11/1996

US	6356750	B1	12/03/2002	AU	745433	B	21/03/2002
				AU	8443998	A	16/02/1999
				CN	1234950	T	10/11/1999
				EP	0927499	A	07/07/1999
				FI	105372	B	00/00/0000
				FI	973090	A	23/01/1999
				JP	2001506470	T	15/05/2001
				NO	991353	A	19/03/1999
				WO	9905871	A	04/02/1999

US	6108560	A	22/08/2000	NONE			
----	---------	---	------------	------	--	--	--

BEST AVAILABLE COPY